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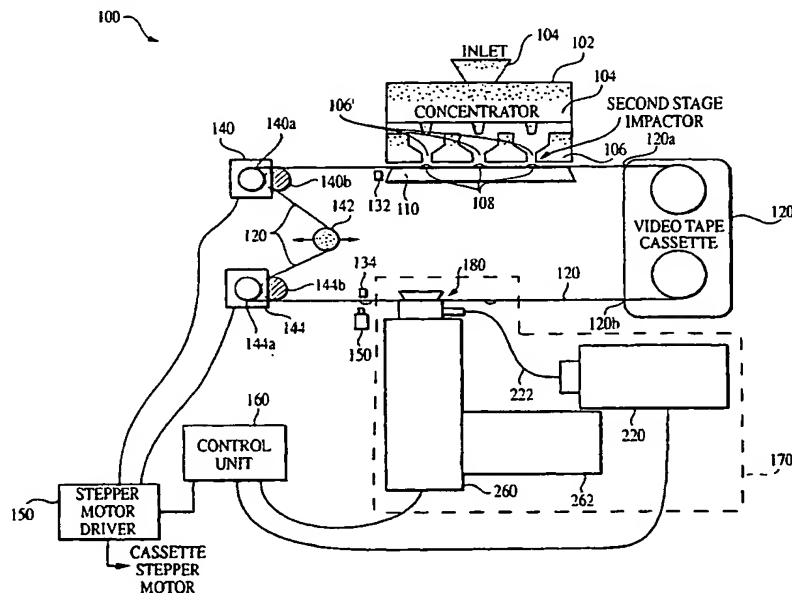
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(54) Title: PORTABLE TIME-OF-FLIGHT MASS SPECTROMETER SYSTEM



(57) Abstract: A field portable mass spectrometer system comprising a sample collector and a sample transporter. The sample transporter interfaces with the sample collector to receive sample deposits thereon. The system further comprises a time of flight (TOF) mass spectrometer. The time of flight mass spectrometer has a sealable opening that receives the sample transported via the sample transporter in an extraction region of the mass spectrometer. The system further comprises a control unit that processes a time series output by the mass spectrometer for a received sample and identifies one or more agents contained in the sample.

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## INTERNATIONAL SEARCH REPORT

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## B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 296 322 A (WECHSUNG REINER) 20 October 1981 (1981-10-20) column 2; figures 1,2	1
Y	US 5 313 061 A (DREW RUSSELL C ET AL) 17 May 1994 (1994-05-17) abstract	1
A	US 4 178 507 A (BRUNNEE CURT ET AL) 11 December 1979 (1979-12-11) abstract	1

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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